66. The invention according to Claim 65 wherein quick depression of throttle (60) by the operator is utilized to overtake another vehicle while in the cruise mode.

67. The invention according to Claim 37 wherein said electric motor is utilized primarily when conditions for cruise mode are not satisfied.

68. The invention according to Claim 37 wherein said running state is cruise mode operation, said engine which continues to run during non cruise mode operation is utilized to transfer power output into electric power which is captured and consumed in fast charge-discharge battery (58).

69. The invention according to Claim 37 wherein instant powerful acceleration is provided by said motor (12) when said vehicle speed is dropping.

70. The invention according to Claim 51 wherein said speed demands do not drop below 40 mph for predetermined time periods of 45 seconds during first and second time periods of operation for cruise mode operation of said motor vehicle.

71. The invention according to Claim 51 wherein said motor powering said hybrid motor vehicle at lower speeds provides acceleration at higher speeds.

REMARKS

Added Claim 62. dependent from Claim 37 specifies logic control circuitry utilized to determine utilization of engine power (22) to drive the vehicle or supply electric power to the battery (58) and finds antecedent support at least e.g. as seen in Fig.1.

Claim 63 dependent from Claim 62 specifies certain logic input parameters and finds

antecedent support at least at page 11, lines 11-12.

Claim 64 depends from Claim 37 referenced in Fig.1 references said battery (58) as consisting of a fast charge-discharge battery (page 5, line 17) used in the present system.

Claim 65 dependent from Claim 37 describes powering the electric motor (12) on throttle (60) demand and finds antecedent support e.g. on page 6 of the specification at lines 27 and 28..

Claim 66 dependent from Claim 65 finds antecedent support at page 7, lines 19-22.

Claim 67 dependent from Claim 37 finds antecedent support at page 4, lines 8-10.

Claim 68 dependent from Claim 37 finds antecedent support at page 8 (paragraph 4) lines 26-29.

Claim 69 dependent from Claim 37 is provided with antecedent support at least at page 10, lines 20-24.

Claim 70 dependent from Claim 51 is illustrative of times during operation reaching or staying in the cruise mode as illustrated in Fig.2 is provided with antecedent basis beginning at page 9, line 14.

Claim 71 dependent from Claim 51 is provided with antecedent basis at least at page 7, lines 19-21.

CONCLUSION

The proposed claims written in dependent form require no further search, antecedent basis for their support being provided and are believed necessary to round out the protection afforded the invention. Accordingly, entry of this Amendment under

Rule 312 proposed filed prior to payment of the issue fee is respectfully solicited.

Respectfully submitted,

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FEES

No fees required.